

**To:** Gray, Wendy[Gray.Wendy@epa.gov]; Weber, Eric[Weber.Eric@epa.gov]; Arguto, William[Arguto.William@epa.gov]  
**Cc:** Sayles, Gregory[Sayles.Gregory@epa.gov]  
**From:** Hedrick, Elizabeth  
**Sent:** Mon 2/3/2014 5:22:35 PM  
**Subject:** RE: MCHM & PPH Product TICs

# Ex. 5 - Deliberative

Point is, there is no methanol in synthesis of MCHM or CHDM.

Elizabeth

**From:** Gray, Wendy

**Sent:** Monday, February 03, 2014 11:56 AM

**To:** Magnuson, Matthew; Weber, Eric; Allgeier, Steve; Hedrick, Elizabeth; Arguto, William

**Cc:** Sayles, Gregory

**Subject:** RE: MCHM & PPH Product TICs

Matt,

The list that you have would be our preliminary list of chemicals in the tank with the exception that there was one more unknown identified by the VOC analysis:

Unknown, masses, masses 79, 94, 55 and 67

## Ex. 5 - Deliberative

I am going to tentatively set a call for tomorrow afternoon (first available time to collectively gather this distribution list), but there is a briefing tomorrow morning that may or may not make this discussion necessary/relevant.

Thanks!

Wendy Gray, P.E.  
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**From:** Magnuson, Matthew  
**Sent:** Monday, February 03, 2014 11:10 AM  
**To:** Weber, Eric; Gray, Wendy; Allgeier, Steve; Hedrick, Elizabeth; Arguto, William  
**Cc:** Sayles, Gregory  
**Subject:** RE: MCHM & PPH Product TICs

Wendy,

**Ex. 5 - Deliberative**

for a while.

# Ex. 5 - Deliberative

Thanks.

Matthew

<u>Compound</u>	<u>CAS number</u>	<u>MSDS</u>
Cyclohexanemethanol	100-49-2	Eastman
Cyclohexanemethanol, 4-methyl-, trans-	3937-49-3	Eastman
Cyclohexanemethanol, 4-methyl-, cis-	????	Eastman

Cyclohexanecarboxylic acid, 4-methyl-, methyl ester	51181-40-9	Eastman
1-phenoxypropan-2-ol (PPH) (propylene glycol phenyl ether)	770-35-4	Dow
Possible 1,4-cyclohexanedimethanol	105-08-8	Eastman
A compound similar to Ethanol, 2-(4-methylphenoxy)-	NA	Dow?
1,4-Cyclohexanedicarboxylic acid, dimethyl ester (Dimethyl 1,4-cyclohexane dicarboxylate)	94-60-0	Eastman
Dipropylene glycol phenyl ether (4 peaks)	51730-94-0	Dow
Unknown, masses 108, 107 and 166	NA	
Unknown, masses 121, 59, 91 and 134	NA	
Unknown alcohol, masses 59, 135 and 107	NA	
Unknown alcohol, masses 59, 135 and 94	NA	
Unknown alcohol, masses 59, 135 and 107	NA	
Unknown alcohol, masses 59, 135 and 107	NA	
Unknown, masses 59, 135, 107 and 161	NA	

- Eastman = Eastman MSDS for Crude MCHM 10-19-05

- Dow = DOW MSDS for PPH, Basic, 11-15-11

**From:** Weber, Eric

**Sent:** Monday, February 03, 2014 10:02 AM

**To:** Gray, Wendy; Allgeier, Steve; Magnuson, Matthew; Hedrick, Elizabeth; Arguto, William

**Subject:** RE: MCHM & PPH Product TICs

Wendy,

I should be able to get the list of chemicals thought to be in the tank out perhaps this afternoon, more likely tomorrow morning.

Eric

**From:** Gray, Wendy

**Sent:** Monday, February 03, 2014 9:39 AM

**To:** Weber, Eric; Allgeier, Steve; Magnuson, Matthew; Hedrick, Elizabeth; Arguto, William

**Subject:** MCHM & PPH Product TICs

Good morning,

Just wanted to check in primarily with Matt and Eric, to see how we are coming along with possible tentatively identified compounds associated with the contaminants related to the incident?

Thanks for your help!

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